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Section 4 Results

concentration of 0.095 ppm in samples CD-OU1-SB-121-06S and CD-OU1-SB-121-07S. Aroclor 1248 was detected in a single sample, CD-OU1-SB-121-07S at a concentration of 0.054 ppm. All shallow soil sample results for this property are below the ROD criteria for Total PCBs of 1.0 ppm.

Analytical results for deep soil samples indicate that only Aroclor 1254 was detected in the 18 to 24-inch horizon, with concentrations ranging from ND in sample CD-OU1-SB-121-01D to a maximum of 0.120 ppm in sample CD-OU1-SB-121-03D. All deep soil sample results for this property are below the ROD criteria of 1.0 ppm.

4.21.2. Interior Dust Sampling

Interior dust sampling was performed at Property 121 on July 7, 2008 by Malcolm Pirnie personnel. A total of two filters were obtained for each of the two samples to ensure that adequate dust volume was obtained to facilitate analysis.

Sample CD-OU1-D-121-01 was collected from the living room/dining room and kitchen area located on the first floor. The total area vacuumed was approximately 130 ft² and consisted mostly of floor areas and furniture surfaces. Sample CD-OU1-D-121-02 was collected from a finished basement. The total area vacuumed was approximately 75 ft² and was composed predominately of floor areas and furniture surfaces. A summary of dust data is presented in Table 121-2.

Analytical results for dust sample CD-OU1-D-121-01 indicate that all Aroclors analyzed were below their respective MDLs. Results for CD-OU1-D-121-02 indicate that Total PCBs were detected at a concentration of 1.14 ppm, Aroclor 1254 was detected at 0.820 ppm, and Aroclor 1260 was detected at 0.320 ppm. Interior dust samples collected at this property indicate that sample CD-OU1-D-121-02 exceeds the ROD-specified criteria for Total PCBs of 1.0 ppm (ROD, p. 27).

4.22. Property 122

A total of 15 soil samples were collected at Property 122 using the procedures discussed in Section 3.0. All samples were analyzed for PCB Aroclors. No interior dust samples were collected from this property.

4.22.1. Soil Sampling

Soil sampling was performed at Property 122 on May 22, 2008 by Malcolm Pirnie personnel. A total of ten borings were advanced at previously selected locations using a hand auger, and were identified as CD-OU1-SB-122-01 through CD-OU1-SB-122-10. Shallow soil samples were obtained at all boring locations from the 0 to 6-inch depth interval (immediately below the grass/lawn root mass if grass/lawn was present), and deep soil samples were collected from the 18 to 24 inch depth interval at the following locations:

Table 121-2: Summary of Dust PCB Data - Property 121

Property ID	121			121		
Sample ID	CD-OU1-D-121-01			CD-OU1-D-121-02		
CLP Number	B4QP8			B4QP9		
Chemical Name	Result (ug/kg)	Qual	RL	Result (ug/kg)	Qual	RL
Aroclor 1016	ND	UJ	180	ND	UJ	91
Aroclor 1221	ND	UJ	180	ND	UJ	91
Aroclor 1232	ND	UJ	180	ND	UJ	91
Aroclor 1242	ND	UJ	180	ND	UJ	91
Aroclor 1248	ND	UJ	180	ND	UJ	91
Aroclor 1254	ND	UJ	180	820	J	91
Aroclor 1260	ND	UJ	180	320	J	91
Aroclor 1262	ND	UJ	180	ND	UJ	91
Aroclor 1268	ND	UJ	180	ND	UJ	91
Total PCBs	ND			1,140	J	

ND = Not Detected at a concentration above the reporting limit.

U = Compound analyzed but not detected at a concentration above the reporting limit.

J = Estimated value.

Qual = Qualifier based upon the data validation.

RL = Reporting Detection Limit.